

June 17, 2022

Fincastle Substation SmartValve™ Pilot Project

You are receiving this letter because you are near the upcoming Fincastle Substation SmartValve™ Pilot Project.

The Alberta Electric System Operator (AESO) has directed AltaLink to install new equipment at AltaLink's existing Fincastle Substation as part of a pilot to assess potential benefits on Alberta's electric system. This new equipment could allow utilities to adjust the flow of power along the transmission line to ensure adequate supply of electricity and improve reliability.

What is happening

AltaLink's Fincastle Substation is located in SW-15-10-15-W4, approximately 10.5 kilometres east of the Town of Taber. The pilot project includes:

- Temporarily installing new equipment called The Mobile SmartValve™ Unit.
- Replacing an existing structure outside of the substation with a new structure to connect the new equipment to an existing transmission line in the area. The existing structure is a single circuit wooden monopole structure and approximately 15 metres tall. The new structure will be an H-frame structure that is approximately 10 to 15 metres tall.



No power outages are anticipated for this work. All work will take place on AltaLink-leased land – no fence expansion is required. At the end of the pilot, the equipment will be removed. Please refer to the Detailed Photo Map included with this letter for the location.

What you will see

The temporary equipment (shown in the image) is approximately 16 metres long and 10 metres high. It will be placed within the existing substation fenceline.

Depending on where you are in relation to the project, you may see or hear noise and crews, trailers, and cranes. Once the temporary equipment has been placed at the Fincastle Substation, you may be able to see it from nearby roadways.

Anticipated pilot schedule

We will be filing an application with the Alberta Utilities Commission in July. The pilot is expected to start in September and run for approximately one to two months.





Other projects in the area

AltaLink is working on another project in the area, called the Vauxhall Area Transmission Development (VATD): 610L Transmission Line Replacement. The project involves building a new transmission line and salvaging a portion of an existing transmission line in the Municipal District of Taber.

Contact us

We are available to address any questions or concerns you may have. Please contact us at 1-877-267-1453 (toll-free) or stakeholderrelations@altalink.ca. Further information about this project and maps are available at altalink.ca/projects.

Sincerely,

Kris Gladue
Manager, Stakeholder Engagement

